

0500

+

#2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete If Known

| | |
|------------------------|------------------|
| Application Number | 09/618,196 |
| Filing Date | July 18, 2000 |
| First Named Inventor | Chiruvolu Girish |
| Group Art Unit | 2661 |
| Examiner Name | |
| Attorney Docket Number | 132,427 |

(use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

| | |
|------------------------|---------|
| Attorney Docket Number | 132,427 |
|------------------------|---------|

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| VN | | 5,377,327 | | Jain et al. | 12-27-94 | |
| VN | | 5,596,722 | | Rahnema | 1-21-97 | |
| VN | | 5,644,713 | | Makishima | 7-1-97 | |
| VN | | 5,918,017 | | Attansio et al. | 6-29-99 | |
| VN | | 5,404,565 | | Gould et al. | 4-4-95 | |
| VN | | 5,191,650 | | Kramere et al. | 3-2-93 | |
| VN | | 4,736,363 | | Aubin et al. | 4-5-88 | |
| VN | | 4,901,277 | | Sohoway et al. | 2-13-90 | |
| VN | | 5,088,032 | | Bosack | 2-11-92 | |
| VN | | 5,426,674 | | Nemirovsky et al. | 6-20-95 | |
| VN | | 5,430,729 | | Rahnema | 7-4-95 | |
| VN | | 5,521,972 | | Iki | 5-28-96 | |
| VN | | 5,870,564 | | Jensen et al. | 2-9-99 | |
| VN | | 5,881,241 | | Corbin | 3-9-99 | |
| VN | | 5,884,043 | | Teplitsky | 3-16-99 | |
| VN | | 5,996,021 | | Civanlar et al. | 11-30-99 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

[illegible]

Vandegrin

12/10/03

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

| | | | |
|---|--|------------------------|----------------------|
| Substitute for Form 1449 A & B/PTO | | Complete if Known | |
| | | Application Number | 09/618,196 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Confirmation Number | To be assigned |
| | | Filing Date | July 18, 2000 |
| | | First Named Inventor | Girish Vsr CHIRUVOLU |
| | | Art Unit | 2731 |
| | | Examiner Name | To be assigned |
| Sheet 1 of 1 | | Attorney Docket Number | A8133 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| | | Number | Kind Code ² (if known) | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

RECEIVED

APR 08 2002

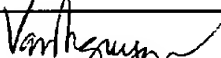
Technology Center 2600

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
|--------------------|-----------------------|---|--------------------------|
| W | | F.M. Anjum et al. <i>Fair Bandwidth Sharing Among Adaptive and Non-Adaptive Flows in the Internet</i> , Proceedings IEEE Infocom 1999. The Conference on Computer Communications, 18 th Annual Joint Conference of the IEEE Computer and Communications Societies, New York, New York, March 21-25, 1999, Proceedings IEEE Infocom, The Computer Communica, vol. 3, March 12, 1999, pp. 1412-1420. | |
| W | | W-J Kim et al., <i>The FB-Red Algorithm for TCP over ATM</i> , IEEE Globecom 1998, Globecom 1998, The Bridge to Global Integration, Sydney, Nov. 8-12, 1998, IEEE Global Telecommunications Conference, New York, New York, IEEE, US, vol. 1, November 8, 1998, pp. 551-555. | |
| | | | |
| | | | |

| | | | |
|--------------------|---|-----------------|----------|
| Examiner Signature |  | Date Considered | 12/10/03 |
|--------------------|---|-----------------|----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|----------------------|
| Application Number | 09/618,196 |
| Confirmation Number | To be assigned |
| Filing Date | July 18, 2000 |
| First Named Inventor | Girish Vsr CHIRUVOLU |
| Art Unit | 2731 2661 |
| Examiner Name | To be assigned |
| Attorney Docket Number | A8133 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| | | Number | Kind Code ² (if known) | | |
| WN | | US 5,719,853 | | 02/17/1998 | Ikeda |
| WN | | US 5,199,094 | | 03/30/1993 | Schneider |
| WN | | US 5,408,562 | | 04/18/1995 | Yoshizawa, et al. |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

RECEIVED

JUN 10 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| WN | | PCT | WO 00/41365 | | 07/13/2000 | Microsoft Corporation | |
| WN | | EP | 0 503 469 | A2 | 09/16/1992 | Pirelli Cavi S.p.A. | |
| WN | | DE | 43 16 872 | A1 | 11/24/1994 | Siemens AG | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
|--------------------|-----------------------|--|--------------------------|
| WN | | Fair Bandwidth Sharing Among Adaptive and Non-Adaptive Flows in the Internet; Farooq M. Anjum, et al. XP-000878257; pgs. 1412-1420 | |
| WN | | The FB-Red Algorithm for TCP over ATM; Wood-June Kim, et al; XP-000894360; pgs. 551-555 | |
| WN | | Supporting Differentiated Services Using ATM ABR Service; Richard Rabbat, et al.; pgs. 210-213 | |
| WN | | Service Differentiation Through End-to-End Rate Control in Low Bandwidth Wireless Packet Networks; Thyagarajan Nandagopal, et al.; pgs. 211-220 | |
| WN | | A Simple Packet Scheduling and Buffer Management Scheme for Scalable Support of QoS in the Internet; KJ Loh, et al.; pgs. 276-281 | |
| WN | | Randomized Token Buckets: Reducing the Buffers Required in Multiplexors, J. Andrew Fingerhut, et al., IEEE 1997, pp. 215-219 | |

Examiner Signature

Van Nguyen

Date Considered

12/10/03